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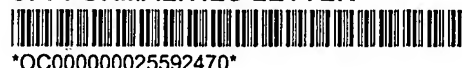
U.S. APPLICATION NUMBER NO. 10/542,408	FIRST NAMED APPLICANT Yasuaki Ito	ATTY. DOCKET NO. 3136 USOP
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INTERNATIONAL APPLICATION NO. PCT/JP04/00248	
I.A. FILING DATE 01/15/2004	PRIORITY DATE 01/17/2003

22852  
 FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER  
 LLP  
 901 NEW YORK AVENUE, NW  
 WASHINGTON, DC 20001-4413

CONFIRMATION NO. 8596

371 FORMALITIES LETTER



Date Mailed: 08/29/2007

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 07/15/2005
- English Translation of the IA filed on 07/15/2005
- Copy of the International Search Report filed on 07/15/2005
- Copy of IPE Report filed on 07/15/2005
- Preliminary Amendments filed on 07/15/2005
- Information Disclosure Statements filed on 07/15/2005
- Biochemical Sequence Diskette filed on 04/02/2007
- Oath or Declaration filed on 07/15/2005
- Biochemical Sequence Listing filed on 07/15/2005
- Request for Immediate Examination filed on 07/15/2005
- U.S. Basic National Fees filed on 07/15/2005
- Assignee Statement for PGPUB filed on 06/05/2007
- Priority Documents filed on 07/15/2005
- Power of Attorney filed on 06/05/2007
- Specification filed on 07/15/2005
- Claims filed on 07/15/2005
- Drawings filed on 07/15/2005
- Paper nucleotide sequence listings filed on 07/15/2005

**RECEIVED**

AUG 31 2007

Finnegan, Henderson, Farabow,  
 Garrett & Dunner, L.L.P.

Applicant's response filed 06/05/2007 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 08/10/2006 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the handwritten paper TDF/US/1.822

Case: 10577-0004  
 Due Date: 9/29/07  
 Action: Response Due  
 By: T.B.

or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/542,408	PCT/JP04/00248	3136 US0P

## STIC Biotechnology Systems Branch

### RAW SEQUENCE LISTING

### ERROR REPORT

EFS

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/542,408D  
Source: TFW0  
Date Processed by STIC: 04/04/2007

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER:

10/542,408D

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics  
    Wrapped Aminos     The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2      Invalid Line Length     The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino  
    Numbering     The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4      Non-ASCII     The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length     Sequence(s)      contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0  
    "bug"     A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7      Skipped Sequences  
    (OLD RULES)     Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence:  
                            (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                            (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
                            (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                            This sequence is intentionally skipped  
                            Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences  
    (NEW RULES)     Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence.  
                            <210> sequence id number  
                            <400> sequence id number  
                            000
- 9      Use of n's or Xaa's  
    (NEW RULES)     Use of n's and/or Xaa's have been detected in the Sequence Listing.  
                            Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
                            In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10      Invalid <213>  
    Response     Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below)
- 11      Use of <220>     Sequence(s)      missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules
- 12      PatentIn 2.0  
    "bug"     Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n/Xaa     "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

## RAW SEQUENCE LISTING

DATE: 04/04/2007

PATENT APPLICATION: US/10/542,408D

TIME: 14:54:46

Input Set : N:\efs\04\_04\_07\10542408D\_efs\3136us0prevseq.txt

Output Set: N:\CRF4\04042007\J542408D.raw

3 <110> APPLICANT: ITO, Yasuaki  
 4 FUJII, Ryo  
 5 HINUMA, Shuji  
 6 FUKUSUMI, Shoji  
 7 MARUYAMA, Minoru  
 9 <120> TITLE OF INVENTION: Novel Screening Method  
 11 <130> FILE REFERENCE: 3136 USOP  
 13 <140> CURRENT APPLICATION NUMBER: US 10/542408D  
 14 <141> CURRENT FILING DATE: 2005-07-15  
 16 <150> PRIOR APPLICATION NUMBER: JP 2003-010001  
 17 <151> PRIOR FILING DATE: 2003-01-17  
 19 <150> PRIOR APPLICATION NUMBER: JP 2003-104540  
 20 <151> PRIOR FILING DATE: 2003-04-08  
 22 <150> PRIOR APPLICATION NUMBER: JP 2003-194497  
 23 <151> PRIOR FILING DATE: 2003-07-09  
 25 <150> PRIOR APPLICATION NUMBER: JP 2003-329080  
 26 <151> PRIOR FILING DATE: 2003-09-19  
 28 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/000248  
 29 <151> PRIOR FILING DATE: 2004-01-15  
 31 <160> NUMBER OF SEQ ID NOS: 22  
 33 <210> SEQ ID NO: 1  
 34 <211> LENGTH: 361  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Homo sapiens  
 38 <400> SEQUENCE: 1  
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 40 5 10 15  
 41 Leu Glu Gln Ala Asn Arg Thr Arg Phe Pro Phe Phe Ser Asp Val Lys  
 42 20 25 30  
 43 Gly Asp His Arg Leu Val Leu Ala Ala Val Glu Thr Thr Val Leu Val  
 44 35 40 45  
 45 Leu Ile Phe Ala Val Ser Leu Leu Gly Asn Val Cys Ala Leu Val Leu  
 46 50 55 60  
 47 Val Ala Arg Arg Arg Arg Gly Ala Thr Ala Cys Leu Val Leu Asn  
 48 65 70 75 80  
 49 Leu Phe Cys Ala Asp Leu Leu Phe Ile Ser Ala Ile Pro Leu Val Leu  
 50 85 90 95  
 51 Ala Val Arg Trp Thr Glu Ala Trp Leu Leu Gly Pro Val Ala Cys His  
 52 100 105 110  
 53 Leu Leu Phe Tyr Val Met Thr Leu Ser Gly Ser Val Thr Ile Leu Thr  
 54 115 120 125  
 55 Leu Ala Ala Val Ser Leu Glu Arg Met Val Cys Ile Val His Leu Gln  
 56 130 135 140

Does Not Comply  
Corrected Diskette Needed  
(pg-6)

## RAW SEQUENCE LISTING

DATE: 04/04/2007

PATENT APPLICATION: US/10/542,408D

TIME: 14:54:46

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Output Set: N:\CRF4\04042007\J542408D.raw

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59 Leu Ile Trp Gly Tyr Ser Ala Val Ala Ala Leu Pro Leu Cys Val Phe
60                      165                      170                      175
61 Phe Arg Val Val Pro Gln Arg Leu Pro Gly Ala Asp Gln Glu Ile Ser
62                      180                      185                      190
63 Ile Cys Thr Leu Ile Trp Pro Thr Ile Pro Gly Glu Ile Ser Trp Asp
64                      195                      200                      205
65 Val Ser Phe Val Thr Leu Asn Phe Leu Val Pro Gly Leu Val Ile Val
66                      210                      215                      220
67 Ile Ser Tyr Ser Lys Ile Leu Gln Ile Thr Lys Ala Ser Arg Lys Arg
68 225                      230                      235                      240
69 Leu Thr Val Ser Leu Ala Tyr Ser Glu Ser His Gln Ile Arg Val Ser
70                      245                      250                      255
71 Gln Gln Asp Phe Arg Leu Phe Arg Thr Leu Phe Leu Leu Met Val Ser
72                      260                      265                      270
73 Phe Phe Ile Met Trp Ser Pro Ile Ile Ile Thr Ile Leu Leu Ile Leu
74                      275                      280                      285
75 Ile Gln Asn Phe Lys Gln Asp Leu Val Ile Trp Pro Ser Leu Phe Phe
76                      290                      295                      300
77 Trp Val Val Ala Phe Thr Phe Ala Asn Ser Ala Leu Asn Pro Ile Leu
78 305                      310                      315                      320
79 Tyr Asn Met Thr Leu Cys Arg Asn Glu Trp Lys Lys Ile Phe Cys Cys
80                      325                      330                      335
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94 gcggtggaga caaccgtgct ggtgctcatc tttgcagtgt cgtgctggg caacgtgtgc 180
95 gccctggtgc tgggtggcgc cgcacgacgc cgcggcgcca ctgcctgcct ggtactcaac 240
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97 actgaggcct ggctgctggg ccccgttgcc tgccacctgc tcttctacgt gatgaccctg 360
98 agcggcagcg tcaccatcct cacgctggcc gcggtcagcc tggagcgcat ggtgtgcatc 420
99 gtgcacctgc agcgcggcgt gcggggctct gggcggcggg cgcgggcagt gctgctggcg 480
100 ctcatctggg gctattcggc ggtcgcgcgt ctgcctctct gcgtcttctt ccgagtcgtc 540
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103 ctggtcattg tgatcagtta ctccaaaatt ttacagatca caaaggcatc aaggaagagg 720
104 ctacaggtaa gcctggccta ctcgagagc caccagatcc gcgtgtccca gcaggacttc 780
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106 atcatcacca tctcctcat cctgatccag aacttcaagc aagacctggt catctggccg 900
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## RAW SEQUENCE LISTING

DATE: 04/04/2007

PATENT APPLICATION: US/10/542,408D

TIME: 14:54:46

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Output Set: N:\CRF4\04042007\J542408D.raw

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110 ggc 1083
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113 <211> LENGTH: 361
114 <212> TYPE: PRT
115 <213> ORGANISM: Mus musculus
117 <400> SEQUENCE: 3
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119 5 10 15
120 Leu Asp Gln Val Asn Arg Thr His Phe Pro Phe Phe Ser Asp Val Lys
121 20 25 30
122 Gly Asp His Arg Leu Val Leu Ser Val Val Glu Thr Thr Val Leu Gly
123 35 40 45
124 Leu Ile Phe Val Val Ser Leu Leu Gly Asn Val Cys Ala Leu Val Leu
125 50 55 60
126 Val Ala Arg Arg Arg Arg Arg Gly Ala Thr Ala Ser Leu Val Leu Asn
127 65 70 75 80
128 Leu Phe Cys Ala Asp Leu Leu Phe Thr Ser Ala Ile Pro Leu Val Leu
129 85 90 95
130 Val Val Arg Trp Thr Glu Ala Trp Leu Leu Gly Pro Val Val Cys His
131 100 105 110
132 Leu Leu Phe Tyr Val Met Thr Met Ser Gly Ser Val Thr Ile Leu Thr
133 115 120 125
134 Leu Ala Ala Val Ser Leu Glu Arg Met Val Cys Ile Val Arg Leu Arg
135 130 135 140
136 Arg Gly Leu Ser Gly Pro Gly Arg Arg Thr Gln Ala Ala Leu Leu Ala
137 145 150 155 160
138 Phe Ile Trp Gly Tyr Ser Ala Leu Ala Ala Leu Pro Leu Cys Ile Leu
139 165 170 175
140 Phe Arg Val Val Pro Gln Arg Leu Pro Gly Gly Asp Gln Glu Ile Pro
141 180 185 190
142 Ile Cys Thr Leu Asp Trp Pro Asn Arg Ile Gly Glu Ile Ser Trp Asp
143 195 200 205
144 Val Phe Phe Val Thr Leu Asn Phe Leu Val Pro Gly Leu Val Ile Val
145 210 215 220
146 Ile Ser Tyr Ser Lys Ile Leu Gln Ile Thr Lys Ala Ser Arg Lys Arg
147 225 230 235 240
148 Leu Thr Leu Ser Leu Ala Tyr Ser Glu Ser His Gln Ile Arg Val Ser
149 245 250 255
150 Gln Gln Asp Tyr Arg Leu Phe Arg Thr Leu Phe Leu Leu Met Val Ser
151 260 265 270
152 Phe Phe Ile Met Trp Ser Pro Ile Ile Thr Ile Leu Leu Ile Leu
153 275 280 285
154 Ile Gln Asn Phe Arg Gln Asp Leu Val Ile Trp Pro Ser Leu Phe Phe
155 290 295 300
156 Trp Val Val Ala Phe Thr Phe Ala Asn Ser Ala Leu Asn Pro Ile Leu
157 305 310 315 320
158 Tyr Asn Met Ser Leu Phe Arg Asn Glu Trp Arg Lys Ile Phe Cys Cys

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## RAW SEQUENCE LISTING

DATE: 04/04/2007

PATENT APPLICATION: US/10/542,408D

TIME: 14:54:46

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Output Set: N:\CRF4\04042007\J542408D.raw

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162 Arg Asn Asp Leu Ser Val Ile Ser Ser
163          355          360
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167 <212> TYPE: DNA
168 <213> ORGANISM: Mus musculus
170 <400> SEQUENCE: 4
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172 aatcgacccc acttcccttt cttctcggat gtcaagggag accaccgggt ggtgttgagc 120
173 gtcgtggaga ccaccgttct ggggtcctc tttgtcgtct cactgctggg caacgtgtgt 180
174 gctctagtgc tggtaggcgc cgtcggcgcg cgtggggcga cagccagcct ggtgctcaac 240
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186 tcctctttct tctgggtggt ggcttccacg tttgccaaact ctgccctaaa cccatactg 960
187 tacaacatgt cgctgttcag gaacgaatgg aggaagattt tttgctgctt cttttttcca 1020
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194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
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199 <400> SEQUENCE: 5
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208 <223> OTHER INFORMATION: primer
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## RAW SEQUENCE LISTING

DATE: 04/04/2007

PATENT APPLICATION: US/10/542,408D

TIME: 14:54:46

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Output Set: N:\CRF4\04042007\J542408D.raw

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227 <213> ORGANISM: Rattus norvegicus
229 <400> SEQUENCE: 8
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232 Pro Asp Gln Val Asn Arg Thr His Phe Pro Phe Phe Ser Asp Val Lys
233              20              25              30
234 Gly Asp His Arg Leu Val Leu Ser Val Leu Glu Thr Thr Val Leu Gly
235              35              40              45
236 Leu Ile Phe Val Val Ser Leu Leu Gly Asn Val Cys Ala Leu Val Leu
237              50              55              60
238 Val Val Arg Arg Arg Arg Gly Ala Thr Val Ser Leu Val Leu Asn
239              65              70              75              80
240 Leu Phe Cys Ala Asp Leu Leu Phe Thr Ser Ala Ile Pro Leu Val Leu
241              85              90              95
242 Val Val Arg Trp Thr Glu Ala Trp Leu Leu Gly Pro Val Val Cys His
243              100             105             110
244 Leu Leu Phe Tyr Val Met Thr Met Ser Gly Ser Val Thr Ile Leu Thr
245              115             120             125
246 Leu Ala Ala Val Ser Leu Glu Arg Met Val Cys Ile Val Arg Leu Arg
247              130             135             140
248 Arg Gly Leu Ser Gly Pro Gly Arg Arg Thr Gln Ala Ala Leu Leu Ala
249              145             150             155             160
250 Phe Ile Trp Gly Tyr Ser Ala Leu Ala Leu Pro Leu Cys Ile Leu
251              165             170             175
252 Phe Arg Val Val Pro Gln Arg Leu Pro Gly Gly Asp Gln Glu Ile Pro
253              180             185             190
254 Ile Cys Thr Leu Asp Trp Pro Asn Arg Ile Gly Glu Ile Ser Trp Asp
255              195             200             205
256 Val Phe Phe Val Thr Leu Asn Phe Leu Val Pro Gly Leu Val Ile Val
257              210             215             220
258 Ile Ser Tyr Ser Lys Ile Leu Gln Ile Thr Lys Ala Ser Arg Lys Arg
259              225             230             235             240
260 Leu Thr Leu Ser Leu Ala Tyr Ser Glu Ser His Gln Ile Arg Val Ser
261              245             250             255
262 Gln Gln Asp Tyr Arg Leu Phe Arg Thr Leu Phe Leu Leu Met Val Ser
263              260             265             270
264 Phe Phe Ile Met Trp Ser Pro Ile Ile Thr Ile Leu Leu Ile Leu
265              275             280             285
266 Ile Gln Asn Phe Arg Gln Asp Leu Val Ile Trp Pro Ser Leu Phe Phe
267              290             295             300
268 Trp Val Val Ala Phe Thr Phe Ala Asn Ser Ala Leu Asn Pro Ile Leu
269              305             310             315             320

```

<210> 21  
 <211> 21  
 <212> RNA  
 <213> Artificial Sequence  
 <220>  
 <221> misc\_RNA  
 <222> (20)..(21)  
 <223> n stands for deoxy thymidine  
 <400> 21  
 ggaccaggaa auuccgauun n

If <213> Response is Artificial, pls Explain the source of genetic material. See Glem 11 on Error Summary Sheet.

't's are not allowed in RNA Sequence.

This type of error is in Seq ID 22

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/542,408D

DATE: 04/04/2007  
TIME: 14:54:48

Input Set : N:\efs\04\_04\_07\10542408D\_efs\3136us0prevseq.txt  
Output Set: N:\CRF4\04042007\J542408D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:21; N Pos. 20,21

Seq#:22; N Pos. 1,2

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/542,408D

DATE: 04/04/2007

TIME: 14:54:48

Input Set : N:\efs\04\_04\_07\10542408D\_efs\3136us0prevseq.txt

Output Set: N:\CRF4\04042007\J542408D.raw

L:435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0

L:448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0